• Please follow the WHO guidelines to prevent epidemic and pandemic infections from spreading

• Please follow the instructions for use for Vyaire (VELA) ventilators at www.vyaire.com/Covid-19

• Please follow the cleaning and disinfection instructions at www.vyaire.com/Covid-19

• Always use an inspiratory bacteria filter (www.vyaire.com/Covid-19) to protect the inspiratory side from contamination.

• When patients who are actively humidified you should use a bacterial filter on the inspiratory connector.

• When patients are passively humidified you may use a heat moisture exchanger with Filter (HMEF) between the circuit wye and the patient to protect against contamination. You should consider that resistance and apparatus dead space will increase and follow the recommendations of the manufacturer of the HMEF for changing intervals.

• Single-use consumables, such as breathing circuits, flow sensors (where necessary), airway adapters, and filters, can help to mitigate to cross contamination when the ventilator is reprocessed for use of the next patient. A list of consumables suitable for Vyaire ventilators is available on www.vyaire.com/Covid-19

• When reusable materials are in use follow the hospital, manufacturer or the WHO guidelines for reprocessing these items

• For suctioning patients please use a closed suction system like the Verso to prevent cross contamination

• Disinfect the outer surfaces of the ventilators regularly during ventilation or after treatment of a patient with a suitable registered disinfectant. Consult the infection control team in your facility regarding the appropriate disinfectant or follow the instructions for use of the ventilator
### Consumables for VELA ventilators

#### Circuits for NIV, Adult & Pediatric, active humidification, single patient use

- **AH202**: Single-limb, heated wire 5’ with AH290 chamber, dry gas line 10 PE
- **AH102**: Adult single-limb heated 5’ circuit with dry gas line, 10 PE
- **AH290**: Humidification chamber, 10/cs

#### Circuits for invasive ventilation and NIV, single patient use

- **AH280**: Dual-limb, dual-heat, 5’ circuit with AH290 chamber, dry gas line 10 PE
- **AH180**: Dual-limb, dual-heat, 5’ circuit with dry gas line, 10 PE
- **AH290**: Humidification chamber, 10/CS

#### NIV masks full face, single patient use

- **NIV041L**: Mask, NIV Full Face, Non-Vented, Large
- **NIV043L**: Mask, NIV Full Face, Non-Vented, Large with AAV
- **301.815.200**: Full Face Mask (Adult, Large, Single-Patient, 10/pk)
- **NIV041M**: Mask, NIV Full Face, Non-Vented, Medium
- **NIV043M**: Mask, NIV Full Face, Non-Vented, Medium with AAV
- **301.815.100**: Full Face Mask (Adult, Medium, Single-Patient, 10/pk)
- **NIV041S**: Mask, NIV Full Face, Non-Vented, Small
- **NIV043S**: Mask, NIV Full Face, Non-Vented, Small with AAV
- **301.815.000**: Full Face Mask (Adult, Small, Single-Patient, 1 pack=10pc)

#### NIV masks full face, reusable

- **301.817.000**: Non-Vented Full Face Mask (Adult, Small, Reusable, 1pc)
- **301.817.100**: Non-Vented Full Face Mask (Adult, Medium, Reusable, 1pc)
- **301.817.200**: Non-Vented Full Face Mask (Adult, Large, Reusable, 1pc)

#### Endotracheal closed suction adapters

- **CSC100**: Adapter Verso Adult/Ped 45°, double swivel elbow
- **CSC400**: Adapter Verso Adult/Ped 90° elbow
- **CSC500**: Adapter Verso Adult/Ped, T-piece, no swivel
- **CSC110**: Catheter 10fr closed, 50/cs
- **CSC112**: Catheter 12fr closed, 50/cs
- **CSC114**: Catheter 14fr closed, 50/cs
- **CSC116**: Catheter 16fr closed, 50/cs

#### Filters & HMEF

##### Bacterial Filters

- **S57021200**: Filter Engström, 45/pk
- **S57022500**: Filter Uni-filter with Gas source port, 60/pk
- **M1043237**: Filter Maxistop high efficiency filter with pleated media GSP, 50/pk

##### Heat Moisture Exchangers with Filter (HMEF)

- **M1038637**: HMEF 1000 without sampling port, 50/pk
- **S57070100**: HMEF 1000/S with gas sampling port, 50/pk
- **S57071500**: HMEF 1000 with GSP and Flextube, 30/pk
- **S57071600**: HMEF 1000 with Flextube, 30/pk
- **S57085500**: HMEF 1000 with Memoflex, 40/pk
- **M1010534**: HMEF 1000/S angled with GSP, 50/cs
- **8004231**: HMEF MINI with GSP, 50/pk

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**Please note:**

All filters, HMEs and HMEFs must be routinely changed. The primary reason for this is to minimize the risk of microbial growth inside the filter/HMEF. The filter/HMEF should be changed after every patient or every 24 hours when used continuously on the same patient. The filter/HMEF should be changed earlier when Filters should always be replaced immediately upon detection of moisture on the machine side of the filter media, even if they have been in use less than 24 hours.
REFERENCES

1. https://apps.who.int/iris/bitstream/handle/10665/112656/9789241507134_eng.pdf?sequence=1&isAllowed=y

Additional sources: